IL420 | Interactive Flat Panel

Highlights

Interactive displays have become one of the most powerful office tools today, replacing traditional meetings and trainings with a new style of business communication that's proven to enhance meeting efficiency, training effectiveness, collaborative discussion, and team building. A winning solution for your business, the BenQ Interactive Flat Panel IL420 combines the power of infrared touch panel and multimedia connectivity to maximize your presentations. Designed with safety and flexibility in mind, the IL420 is easy and simple to install in any office setting using a VESA wall mount.

Infrared 6 Points Touch Technology

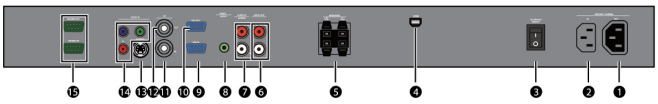
Pair the IL420 with Windows® 8 / Windows® 7 and watch the infrared touch technology work its magic turning the displayed image or spreadsheet figure into a multi-touch screen. Trainer or speaker can invite audiences to come up to the board for a quick contest and trial.

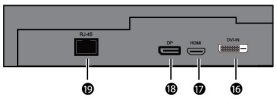
Ambient Light Sensor

The IL420 is built with an ambient light sensor to detect the amount of ambient lighting in its surrounding and adjust the display setting accordingly without user intervention. This means the audience can always enjoy optimal picture quality in office.

Integrated Speaker

To help professional elites gain the competitive edge by enriching their meeting with multimedia resources, BenQ has built 12W speakers into the IL420. The use of videos, music and sound effects make every presentation more engaging and effective.





1 AC OUT
2 AC IN
3 AC SWITCH ON / OFF
4 USB
5 SPEAKERS (R / L) (IL650 not available)
6 AUDIO OUT (R / L)
7 AUDIO IN (AUDIO2)
8 AUDIO IN (AUDIO1)
9 VGA IN
10 VGA OUT
11 AV IN
12 AV OUT
13 VIDEO IN(S-VIDEO)
14 VIDEO IN(YPbPr)
15 RS232C IN / OUT
16 DVI-IN
17 HDMI
18 DISPLAY PORT
19 RJ-45

Specifications

Screen Size	42"
Type	PID
Light Source	D-LED
Active Area (mm)	927.94 H x 521.96 V
Resolution (pixels)	FHD 1920 x 1080 (16:9)
Brightness (typ.)	400 cd/m²
Native Contrast Ratio (typ.)	1,000:1
Response Time (GTG)	9 ms
Pixel Pitch (H x W)	0.4833 H x 0.4833 W mm
Frame Rate	60Hz
Viewing Angle (H / V)	178⁰ / 178⁰
Color Gamut (x% NTSC)	68%
Color Depth	8-bit, 16.7 M
Technology	IR 6-point touch
Resolution (points area function)	4096x4096
Capacity	6 simultaneous touches
Accuracy	+/- 2.5mm
Touch Output	USB 2.0
OS Supported	Windows® XP (single point), Vista, Win 7, Win 8 (6 points), Linux (need to check distribution and kernel version) MAC (single point)
USB (Touch to External PC)	O
Power (AC) Input / Output	O / O
Power Switch	O
VGA Input / Output	O / O
DVI Input / Output	O / X
HDMI Input / Output	O / X
Composite Video In / Out (BNC)	O / O
Component In (YPbPr, RCA)	O
S-Video In / Out	O / X
DisplayPort Input	O
USB Player (Photo, Video)	X
RS232 Input / Output	O / O
OPS Slot	X
RJ45 Port	O
Audio W (Amp)	12W + 12W
Internal Speaker	12W x 2
Power Supply	AC 100~240V, 50 / 60 Hz
Power Consumption (Max)	<150W
Power Consumption (Standby)	<0.5W
Power Consumption (Off)	<0.5W
Operation Temp (dC)	0⁰ C ~ 40⁰ C
Storage Temp (dC)	20⁰ C ~ 60⁰ C
Usage (hrs/days)	24/7
Weight (without / with packing)	23 / 27 kg
Dimension (W x H x D)	39" x 22" x 4.7"
Bezel Width (T / B / L / R)	.88" / .88" / .88" / .88"
VESA Wall Mounting (mm)	400 x 200 (4 Holes)
Remote Controller	O
PWR Cord	O
VGA Cable	O
Quick Start Guide	O
User's manual electronic file	O
Stand	X (optional, on VESA mount)

Features

• Image Setting • Source / Volume Control • Analog Daisy Chain • RS232 Control Daisy Chain • ID Setting
• Sharpness Enhancement • Proof of Image Retention • Diming Control (Adaptive Contrast) • Picture in Picture (PIP)
• Picture by Picture (PBP) • DVI-HDCP (IL420 / IL460 not available) • DVI-HDCP • De-Interlacing / Comb Filter
• 10-bit Color Processing (IL420 not available) • Build-in Video Wall Support • Scheduling • Ambient Light Sensor
• Total Turn-On Time • Diagnostic DC voltage (12v / 5v) • Internal Tempurature Sensor • CEC Control

IL420 07-19-13-BQus

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